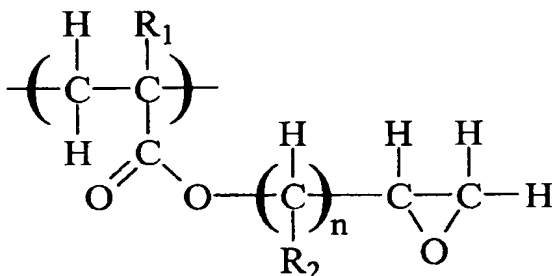


IN THE CLAIMS

1. (currently amended) A golf ball having a coefficient of restitution of greater than about 0.7 and a compression of at least about 50, wherein the ball comprises a core and a cover having at least one layer disposed concentrically about the core,

wherein the layer is formed from a composition comprising a glycidyl polymer composition and a thermoplastic material selected from the group consisting of copolyesters, polyamide homopolymers or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, styrene-butadiene copolymers, dynamically vulcanized thermoplastic elastomers, polymers formed using a metallocene catalyst, and blends or copolymers thereof,

wherein the glycidyl polymer composition comprises a repeat unit structure consisting essentially of:



wherein R_1 , is hydrogen, linear or branched alkyl group having the formula $\text{C}_x\text{H}_{2x+1}$, aromatic, or alicyclic, where x is an integer from 1 to about 8; R_2 is hydrogen, linear or branched alkyl group having the formula $\text{C}_y\text{H}_{2y+1}$, aromatic, or alicyclic, where y is an integer from 1 to about 20; and n is an integer ranging from 1 to about 6; **and**

wherein the cover is comprised of an outer layer and an inner layer
and the composition forms the inner layer.

2. (Canceled)

3. (original) The golf ball of claim 2, wherein the inner layer has a

first hardness and the outer layer has a second hardness greater than the first hardness.

4. (original) The golf ball of claim 3, wherein the core has a third hardness within 10 Shore D of the first hardness and less than the second hardness.

5. (original) The golf ball of claim 2, wherein the inner layer has a specific gravity greater than about 1.2.

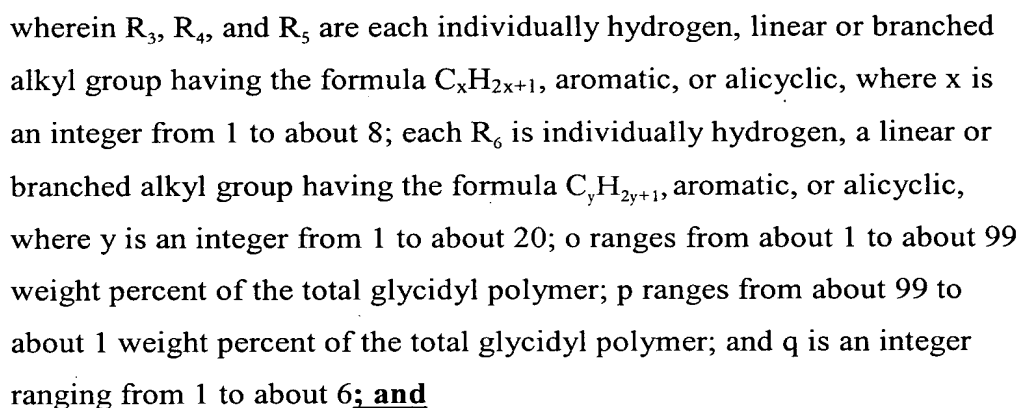
6. (original) The golf ball of claim 2, wherein the inner layer has a flexural modulus of less than about 10,000 psi.

7. (original) The golf ball of claim 1, wherein the thermoplastic material is selected from the group consisting of copolyesters, polyamide homopolymers or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, and blends or copolymers thereof.

8. (currently amended) A golf ball having a coefficient of restitution of greater than about 0.7 and a compression of at least about 50, wherein the ball comprises a core and a cover having at least one layer disposed concentrically about the core,

wherein the layer is formed from a composition comprising a glycidyl polymer composition and a thermoplastic material selected from the group consisting of copolyesters, polyamide homopolymers or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, styrene-butadiene copolymers, dynamically vulcanized thermoplastic elastomers, polymers formed using a metallocene catalyst, and blends or copolymers thereof,

wherein the glycidyl polymer composition comprises a structure consisting essentially of:



9. (Canceled)

11. (original) The golf ball of claim 10, wherein the core has a third hardness within 10 Shore D of the first hardness and less than the second hardness.

13. (original) The golf ball of claim 9, wherein the inner layer has a flexural modulus of less than about 10,000 psi.

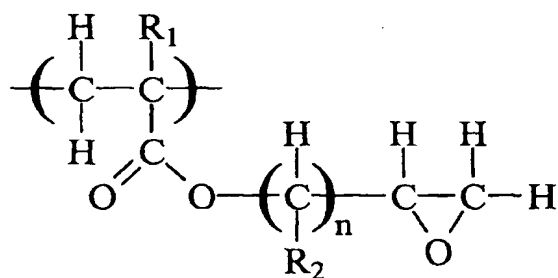
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or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, and blends or copolymers thereof.

15. (currently amended) A golf ball having a coefficient of restitution of greater than about 0.7 and a compression of at least about 50, wherein the ball comprises a core and a cover having at least one layer disposed concentrically about the core,

wherein the layer is formed from a composition comprising a glycidyl polymer composition and a thermoplastic material selected from the group consisting of copolyesters, polyamide homopolymers or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, styrene-butadiene copolymers, dynamically vulcanized thermoplastic elastomers, polymers formed using a metallocene catalyst, and blends or copolymers thereof,

wherein the glycidyl polymer composition comprises the following structure:



wherein R₁ is hydrogen, linear or branched alkyl group having the formula C_xH_{2x+1}, aromatic, or alicyclic, where x is an integer from 1 to about 8; R₂ is hydrogen, linear or branched alkyl group having the formula C_yH_{2y+1}, aromatic, or alicyclic, where y is an integer from 1 to about 20; and n is an integer ranging from 1 to about 6; **and**

wherein the cover is comprised of an outer layer and an inner layer and

the composition forms the inner layer.

16. (canceled)

17. (original) The golf ball of claim 16, wherein the inner layer has a first hardness and the outer layer has a second hardness greater than the first hardness.

18. (original) The golf ball of claim 17, wherein the core has a third hardness within 10 Shore D of the first hardness and less than the second hardness.

19. (original) The golf ball of claim 16, wherein the inner layer has a specific gravity greater than about 1.2.

20. (original) The golf ball of claim 15, wherein the thermoplastic material is selected from the group consisting of copolyesters, polyamide homopolymers or copolymers, polyetherester block copolymers, polyesterester block copolymers, polyetheramide block copolymers, polyesteramide block copolymers, polyurethanes, and blends or copolymers thereof.